

## **Amendments to the Claims:**

This listing of claim will replace all prior versions, and listings, of claims in the application:

### **Listing of Claim:**

Claim 1 (currently amended): An arrangement for using a single-phase or three-phase induction motor as a sensor to sense mechanical rotations ~~rotation~~ of said induction motor's rotor by utilizing a low-power alternating current generated in the stator winding or windings of said induction motor by mechanical rotation of the rotor of said induction motor at the time when ~~[[of]]~~ said induction ~~motor's driving electrical power~~ motor is completely disconnected from an electrical power supply, ~~said induction motor~~ ~~[[,]]~~ for the purpose ~~purposes~~ of a process control and/or display of rotations of said rotor ~~rotor's mechanical rotation~~ ~~[[,]]~~ comprising:

said single-phase or three-phase induction motor;

two sets of electromagnetically operated switches;

wherein first set of said electromagnetically operated switches ~~[[with]]~~

comprises at least one set of contacts in case of said induction motor ~~[[of]]~~ being a single-phase ~~[[type,]]~~ motor, or at least two sets of contacts in case of said induction motor ~~[[of]]~~ being a three-phase ~~[[type,]]~~ motor, wherein said first set of switches

opens ~~[[the]]~~ a low-impedance path for the ~~low power~~ low-power alternating current, generated by the mechanical rotation of ~~[[the]]~~ said rotor ~~of said induction motor~~ in the absence of ~~its driving~~ said electrical power supply, to the source of said electrical power; ~~power and various transforming and/or driving elements thereof~~[[;]]

the second set of electromagnetically operated switches ~~[[with]]~~ comprising at least one set of contacts which closes in the event ~~[[of]]~~ said first set of electromagnetically operated switches having opened due to an electrical command ~~[[to it]]~~ or due to an electrical power outage, thus allowing ~~allows~~ for ~~[[the]]~~ routing of ~~aforementioned~~ said low-power alternating current generated by said induction motor ~~in aforesaid condition~~[[,]] as a signal to ~~[[any]]~~ said process control, ~~process-control device or equipment regardless of said signal's manifestation in the form of any and an alarm or display, display, whereas for complete electrical isolation between said alternating current signal produced by said induction motor in said condition and the source of said electrical power together with various transforming and/or driving elements thereof, the numbers of sets of contacts in aforesaid two numbers of sets of electromagnetically operated switches are incremented by one~~ ~~apiece~~[[.]]